Base Year Modification Request Certification
Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:
Please select the **ONE** choice below that best explains your request to the Board.
☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
☑ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County	
County of Orange	Orange	
Authorized Signature	Title	
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code
Person Completing This Form (please print or type)	Title Consultant	
Affiliation:		
Mailing Address	City	State / ZIP Code
E-Mail Address		

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g.,"4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	**2.** Proposed new generation-based study year:
1990	**2003**

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The new generation study is for 2003, which was a typical year for the County. Disposal and diversion in 2003 were neither particularly high or low compared to other years.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	**a. 14 %**	**Diversion rate calculated using new generation-based study**	**b. 33%**
For existing base year pounds/person/day based on generation	**7.34**	**For new generation based study pounds/person/day based on generation**	**11.17**
Existing base year: **Residential generation 36 %**	**Non-Residential generation 64 %**	**New generation based study:** **Residential generation 23 %**	**Non-Residential generation 77 %**
Population existing generation-based study	116400	**Population new generation-based study**	109800

5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.

The diversion rate reflects the considerable efforts of the County to reduce waste and the many programs the County has implemented to reduce waste. The data from 1990 isn't comparable with the data from 2003, because so much new development has occurred in the County, and previously developed areas have been incorporated or annexed into other jurisdictions.

6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementaion efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.

The increase in pounds per person per day and the slightly higher than average pounds per person per day are both due to large amounts of construction and development waste and recycling. Furthermore, the County is responsible for a great deal of roads maintenance, and this contributes to higher than average disposal and diversion amounts.

Section III - Disposal and Diversion Information

1. Disposal Tonnage (enter values):	39477	111311	150787
	Residential	Non-Residential	**Total**

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☑ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year study.)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new bas year study.)

2. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit **Note**: *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes,inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment 4a.
(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

Please use the Board's program types from the online glossary at:
http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm

Diversion Activity Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Percent of Total Generation (A/Total Generation)	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Residential Source Reduction Activities					
Backyard composting					
Grasscycling					
Other Residential Source Reduction (list each program separately)					
N/A					
N/A					
N/A					
N/A					
N/A					
Subtotal, Residential Source Reduction	**0**	**0%**			
Residential Recycling Activities					
Curbside Recycling	10531	5%	Newspaper, OCC, mixed paper, PET, HDPE, aluminum cans, tin/metal cans, glass, other	Actual Tons	Hauler Reports (see Attachment 1)
Buyback Centers	124	0%	CRV containers	Actual Tons	Letter from DOC; see Appendix B
Drop-off Centers	0	0%			

Diversion Activity Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Percent of Total Generation (A/Total Generation)	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Other Residential Recycling (list each program separately)					
N/A					
N/A					
N/A					
N/A					
N/A					
Subtotal, Residential Recycling	**10655**	**5%**			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	1769	1%	Residential green waste	Actual Tons	Hauler Reports (see Attachment 1)
Christmas Tree Program					
Other Residential Composting (list each program separately)					
N/A					
N/A					
N/A					
N/A					
N/A					
Subtotal, Residential Composting	**1769**	**1%**			
Subtotal, Residential Diversion	**12423**	**6%**			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	3287	1%	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**
Other Non-Residential Source Reduction (list each program separately)					
County Surplus Items Reused	121	0%	Computers, office equipment, furniture	Actual Tons	See Appendix I
Food Bank Diversion	214	0%	Food waste	Actual Tons	See Appendix H
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	**3622**	**2%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Percent of Total Generation (A/Total Generation)	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Non-Residential Recycling Activities:					
Non-Residential Waste Audits	342	0%	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**
Other Non-Residential Recycling (list each program separately)					
Recyclables from facilities	4383	2%	OCC, newspaper, ledger, magazines, other paper, CRV, aluminum cans, #1 CRV, #2-#7 containers, CPO, mixed paper, tin cans, glass, PET, HDPE, mixed plastic, film	Actual Tons	Facility Surveys (see attachments 2 and 3)
Recyclables reported by haulers	11	0%	Newspaper, OCC, mixed paper, other	Actual Tons	Hauler Reports (see Attachment 1)
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	**4736**	**2%**			
Non-Residential Composting Activities					
Non-Residential Waste Audits	462	0%	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**	**Detailed information must be included in Section V**
Other Non-Residential Composting (list each program separately)					
Greenwaste from facilities	18111	8%	Compost	Actual Tons	Facility Surveys (see attachments 2 and 3)
Greenwaste reported by haulers	424	0%	Green waste	Actual Tons	Hauler Reports (see Attachment 1)
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	**18997**	**8%**			
Subtotal Non-Residential Diversion	**27355**	**12%**			
Other Waste Material Activities **(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residental.**					
Residential					
ADC	9635	4%	Green waste, other.	Actual Tons	Disposal Reporting System
Sludge (must submit sludge cert form)					
Scrap Metal	0	0%			
Construction and Demolition	721	0%	Concrete, asphalt, wood	Actual Tons	Hauler Surveys (see Attachment 1)
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	**10356**	**5%**			
Non-Residential					
ADC					
Sludge (must submit sludge cert form)					
Scrap Metal	237	0%	Ferrous and non-ferrous metals	Actual Tons	Hauler and Facility Surveys (see attachments 1 - 4)
Construction and Demolition	19364	9%	lumber, engineered wood, pallets and crates, clean	Actual Tons	Hauler and Facility Surveys (see attachments 1 - 4)
Landfill Salvage	3379	2%	Landfill salvage excluding dirt	Actual Tons	Disposal Reporting System
Other (e.g., ag waste)					
Subtotal Non-Residential Waste	**22980**	**10%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Percent of Total Generation (A/Total Generation)	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Subtotal Residential/ Non-Residential Other Waste	**33336**	**15%**			
Total Residential/Non-Residential Source Reduction Tons	**3622**	**2%**			
Total Diversion Tons	**73155**	**33%**			
Total Disposal Tons from Number 1	**150747**	**67%**			
Total Generation Tons (Div+Dis)	**223902**				
NEW GENERATION STUDY DIVERSION RATE	**33%**				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)					
Biomass (must submit biomass cert form and must be 10% or less-- use the calculator to calculate)					
Transformation	40.24	**0%**			
Report Year Diversion Rate with Biomass or Transformation Credit	**33%**				

Section IV - Specific Non-Residential Sector Waste Audits

1. Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. **Use the business type in lieu of the specific business name**.(e.g., grocery store vs. Safeway) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must correlate to the Section V spreadsheet.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Country Club	29	Grasscycling	910			910	0.4%	**M**
Country Club	15	Grasscycling, composting, CRV, Aluminum cans	769	1.8		770.8	0.3%	**M**
Park	72	Grasscycling, greenwaste used onsite	650.27			650.27	0.3%	**M**
Airport	33	Grasscycling, office paper	635	6		640.59	0.3%	**P**
Jail	75	Grasscycling, inkjet and laser cartridges, greenwaste used onsite, ledger paper	33	0.82	347	380.54	0.2%	**M**
School	99	Grasscycling, OCC, newspaper, mixed paper, tin cans	26	85		110.67	0.0%	**M**
Park	88	Grasscycling, composting, manure, mixed paper, CRV cont.	9	0	92	101.98	0.0%	**O**
Retail	16	OCC, d/s copying, email	0	79		79.05	0.0%	**O**
Grocery Store	18	OCC, email, grocery bags		73.14		73.14	0.0%	**M**
School	76	Grasscycling, OCC, mixed paper	43	24		66.98	0.0%	**M**
Totals			**3075.13**	**269.53**	**439.36**	**3784.02**	1.7%	

Also complete Section V which includes all of the businesses surveyed. Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses **must** be included as an attachment.

Grass Clippings - Businesses 29, 15, 72, 33, 75, 99, 88, and 76

Business 29 reported that they grasscycle 140 acres using a conversion rate of 6.5 tons per acre.
Business 15 reported that they grasscycle 110 acres using a conversion rate of 6.5 tons per acre.
Business 72 reported that they grasscycle 100 acres using a conversion rate of 6.5 tons per acre.
Business 33 reported that they grasscycle 97.67 acres using a conversion rate of 6.5 tons per acre.
Business 75 reported that they grasscycle 5 acres using a conversion rate of 6.5 tons per acre.

Business 99 reported that they grasscycle 4 acres using a conversion rate of 6.5 tons per acre.

Business 88 reported that they grasscycle .4391 acres using a conversion rate of 6.5 tons per acre.
Business 76 reported that they grasscycle 6.6116 acres using a conversion rate of 6.5 tons per acre.

Greenwaste - Businesses 15, 72, 75, and 88
Business 15 reported that they composted a total of 54 tons. The business used actual weight.
Business 72 reported that they composted a total of 5 cubic yards per year at 108 pounds per cubic yard.
Business 75 reported that they composted a total of 347.22 tons. The business used actual weight.
Business 88 reported that they composted a total of 120 cubic yards per year at 108 pounds per cubic yard.

CRV - Businesses 15 and 88
Business 15 reported that they recycled 33 gallons at .09 pounds per liter twice a month.
Business 88 reported that they recycled 200 pounds of CRV per month.

Aluminum Cans - Business 15
Business 15 reported that they recycled 200 pounds a month.

Paper - Businesses 33, 75, 99, 88, and 76
Business 33 reported that they recycled 5.72 tons of office paper. The business provided the weight information.
Business 75 reported that they recycled 6 tons of paper. The business provided the weight information.
Business 99 reported that they recycled 6 cubic yards of newspaper at 400 pounds per cubic yards and 6 cubic yards of office paper at 363.5 pounds per cubic yards.
Business 88 reported that they recycled 96 reems of paper at 5 pounds per reem.
Business 76 reported that they recycled 6 tons of mixed/office paper. The business provided the weight information.

Inkjet and Laser Cartridges - Business 75
Business 75 reported that they recycled 2 inkets per week at .5 pounds each and 3 laser cartridges at 2.5 pounds each.

Cardboard - Businesses 99, 16, 18 and 76
Business 99 reported that they recycled 6 cubic yards of cardboard at 50.08 pounds per cubic yards each.
Business 16 reported that they recycled 79 tons of cardboard. Weight was provided by the corporate office.
Business 18 reported that they recycled 73 tons of cardboard. The weight information was provided by the business.
Business 76 reported that they recycled 18 tons of cardboard. The weight information was provided by the business.

Tin Cans - Business 99
Business 99 tonnage is included in the hauler's tonnage.

Manure - Business 88
Business 88 reported that they composted 92.14 tons of manure. The weight information was provided by the business.

Grocery Bags - Business 18
Business 18 reported that they recycled 100 grocery bags per day weighing .77 pounds per 100.

Section V - Non-Residential Generator Audit Diversion Spreadsheet

Worksheet is unlocked to allow modification (e.g., , adding ten rows and a subtotal row to the table for each generator). If you have any questions, please contact your OLA Representative at (916 341-6199.

Non-Residential Generator Audit Diversion

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
1	Restaurant						
2	Auto Sales						
3	Auto Service	Paper	No data provided				
4	Auto Storage						
5	Airplane Service						
6	Auto Rental	Paper	No data provided				
7	Gas Station						
8	Auto Rental						
9	Restaurant						
10	Auto Rental						
11	Duplicate with #8						
12	Duplicate with #8						
13	Airplane Service						
14	Airplane Service	Paper (document destruction)	96 rms per yr; 5 lbs per ream		0.24		0.24
15	Country Club	Grasscycling	110 acres X 6.5 tons	715.00			715.00
		Composting	Actual tonnage reported by business	54.00			54.00
		CRV Containers	Weight reported by business (200 lbs/month)		0.00		
		Aluminum cans	Weight reported by business (100 lbs/month)		0.60		0.60
Subtotal -15				**769.00**	**0.60**	**0.00**	769.60
16	Retail	OCC	Estimate provided by corporate office		79.00		79.00
		Double sided copying	200 pgs per wk; 5 lbs per ream	0.05			0.05
Subtotal -16				**0.05**	**79.00**	**0.00**	79.05
17	Retail	OCC	350 bxs per wk; 2.2 lbs per box		20.20		20.20
Subtotal -17				**0.00**	**20.20**	**0.00**	20.20
18	Grocery Store	OCC	Weight reported by bus. (400 lbs/day)		73.00		73.00
		Plastic-grocery bags	100 per day; .77 lbs per 100		0.14		0.14
Subtotal -18				**0.00**	**73.14**	**0.00**	73.14
19	Gas Station/Store						
Subtotal - 19				**0.00**	**0.00**	**0.00**	
20	Gas Station						
21	Nursery						
22	Laboratory	Paper	Waiting for tonnage				
		OCC	Waiting for tonnage				
Subtotal - 22				**0.00**	**0.00**	**0.00**	
23	Nursery						
24	Auto Sales						

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
25	Gas Station						
26	School						
27	Property Mgmt						
28	Country Club						
29	Country Club	Grasscycling	140 acres X 6.5 tons	910.00			910.00
30	Gov't office						
31	Restaurant						
32	Retail						
33	Airport	Grasscycling	97.67 acres X 6.5 tons	634.87			634.87
		Office paper	Weight provided by airport personnel		5.72		5.72
Subtotal - 33				**634.87**	**5.72**	**0.00**	640.59
34	Retail		Included in recycling facility tonnage				
35	Restaurant		Included in recycling facility tonnage				
36	Restaurant		Included in recycling facility tonnage				
37	Restaurant						
38	Retail	OCC	Weight provided by corporate office		21.00		21.00
39	Restaurant	Coffee Grounds	Weight provided by business			1.56	1.56
40	Restaurant						
41	Retail						
42	Bank		Waiting for tonnage				
43	Retail	OCC	5.5 boxes every other wk; 1.1 lbs per box	0.08			0.08
44	Retail						
45	Retail						
46	Business office						
47	Medical/Dental						
48	Service						
49	Airline						
50	Airline						
51	Airline						
52	Airline						
53	Airline						
54	Airline						
55	Airline						
56	Airline						
57	Airline						
58	Airline						
59	Property Mgmt						
60	Retail						
61	Retail						
62	Gas station						
63	Retail						
64	Restaurant						
65	Grocery Store						

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
66	Restaurant						
67	Restaurant						
68	Restaurant						
69	Retail						
70	Bank						
71	Restaurant						
72	Park	Grasscycling	100 acres X 6.5 tons	650.00			650.00
		Greenwaste used onsite	5 cy per year; 108 lbs per cy	0.27			0.27
Subtotal -72				**650.27**	**0.00**	**0.00**	650.27
73	Elementary School	Grasscycling	2 acres X 6.5 tons	13.00			13.00
		Composting	Weight provided by facility			3.00	3.00
		Inkjet cartridges	20 cartridges per mo (9 mos); .5 lbs per inkjet cartridge		0.05		0.05
		Laserjet cartridges	20 cartridges per mo (9 mos); 2.5 lbs per laserjet cartridge		0.23		0.23
		Cardboard	Included in hauler tonnage				
		Newspaper	Included in hauler tonnage				
		CRV containers	10 lbs per week X 4 weeks X 9 months/ 2000 (weight provided by facility)		0.00		
		Aluminum cans	10 lbs per week X 4 weeks X 9 months/ 2000 (weight provided by facility)		0.18		0.18
Subtotal -73				**13.00**	**0.45**	**3.00**	16.45
74	Zoo	Laserjet cartridges	1 cartridges per month; 2.5 lbs per laserjet cartridge		0.02		0.02
		Mixed/office paper	33 gal per week; .77 lbs per gallon		0.66		0.66
		CRV containers	55 gal per week; 218 lbs per 55 gallon		0.00		
Subtotal -74				**0.00**	**0.68**	**0.00**	0.68
75	Jail	Grasscycling	5 acres X 6.5 tons	32.50			32.50
		Inkjet cartridges	2 per week; .5 lbs per inkjet cartridge		0.03		0.03
		Laserjet cartridges	3 per week; 2.5 lbs per laserjet cartridge		0.20		0.20
		Greenwaste composted and used onsite	Weight provided by facility			347.22	347.22
		Ledger paper	Weight provided by facility		0.60		0.60
Subtotal -75				**32.50**	**0.82**	**347.22**	380.54
76	High School	Grasscycling	6.6116 acres X 6.5 tons	42.98			42.98
		OCC	Weight provided by facility		18.00		18.00
		Mixed/office paper	Weight provided by facility		6.00		6.00
Subtotal -76				**42.98**	**24.00**	**0.00**	66.98
77	High School	Grasscycling	1.3223 acres X 6.5 tons	8.60			8.60
78	Elementary School	Grasscycling	1.5 acres X 6.5 tons	9.75			9.75
		Clothing-donated	900 gal per yr (174 gal per cy yard; 225 lbs per cy)	0.58			0.58
		Inkjet cartridges	150 per year; .5 lbs per inkjet cartridge		0.04		0.04
		Laserjet cartridges	150 per year; 2.5 lbs per laserjet cartridge		0.19		0.19

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
		Cell phones	200 per year; .55 lbs per phone		0.06		0.06
		OCC	Amount not recorded; not included in hauler tonnage				
		Newspaper	Amount not recorded; not included in hauler tonnage				
		Ledger paper	Amount not recorded; not included in hauler tonnage				
		Mixed/office paper	Amount not recorded; not included in hauler tonnage				
Subtotal -78				**10.33**	**0.28**	**0.00**	10.61
79	Elementary School	Grasscycling	1.9835 acres X 6.5 tons	12.89			12.89
		Clothing-donated	30 gal per yr (174 gal per cy yard; 225 lbs per cy)	0.02			0.02
		Laserjet cartridges	200 per year; 2.5 lbs per laserjet cartridge		0.25		0.25
		Aluminum cans	4.5 30 gal bags per month (5.1 lbs per 30 gal bag)		0.14		0.14
Subtotal -79				**12.91**	**0.39**	**0.00**	13.30
80	Elementary School	Grasscycling	1.9835 acres X 6.5 tons	12.89			12.89
81	Elementary School	Grasscycling	3.9669 acres X 6.5 tons	25.78			25.78
		Ledger paper	4 reams per year (5 lbs per ream)		0.01		0.01
Subtotal -81				**25.78**	**0.01**	**0.00**	25.79
82	Elementary School	Grasscycling	1.5 acres X 6.5 tons	9.75			9.75
83	Elementary School	Grasscycling	2.6446 acres X 6.5 tons	17.19			17.19
84	Elementary School	Grasscycling	3 acres X 6.5 tons	19.50			19.50
		Clothing-donated	30 gal per month (174 gal per cy yard; 225 lbs per cy)	0.23			0.23
		Mixed/office paper	55 gal per week (.77 lbs per gallon)		1.10		1.10
Subtotal -84				**19.73**	**1.10**	**0.00**	20.83
85	Elementary School	Grasscycling	2.6446 acres X 6.5 tons	17.19			17.19
		Clothing-donated	2 30 gal bags, 4 times per year (174 gal per cy yard; 225 lbs per cy)	0.16			0.16
Subtotal -85				**17.35**	**0.00**	**0.00**	17.35
86	Elementary School	Grasscycling	3.3058 acres X 6.5	21.49			21.49
		Clothing-donated	15 30 gal bags per year (174 gal per cy yard; 225 lbs per cy)	0.29			0.29
		OCC	Amount not recorded; not included in hauler tonnage				
		Newspaper	Amount not recorded; not included in hauler tonnage				
		Ledger paper	Amount not recorded; not included in hauler tonnage				
		Mixed/office paper	Amount not recorded; not included in hauler tonnage				

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
Subtotal -86				**21.78**	**0.00**	**0.00**	21.78
87	Ecological Preserve	OCC	Included in RF6		0.00		
		Newspaper	Included in RF6		0.00		
		Mixed/office paper	Included in RF6		0.00		
		CRV containers	132 lbs X 8.6 (every 6 wks)/2000		0.00		
		Other glass	132 lbs X 8.6 (every 6 wks)/2000		0.57		0.57
		Aluminum cans	5.61 lbs X 8.6 (every 6 wks)/2000		0.02		0.02
Subtotal -87				**0.00**	**0.59**	**0.00**	0.59
88	Park	Grasscycling	.4391 acres X 6.5 tons	2.98			2.98
		Composting	120 cy per year (108 lbs per cubic yd)	6.48			6.48
		Manure	Weight provided by facility			92.14	92.14
		Mixed/office paper	96 rms per yr; 5 lbs per ream		0.24		0.24
		#1 CRV Containers	3.79 liters per gallon X 33 gallons X .09 lbs per liter X 2 time per month/2000		0.00		
Subtotal -88				**9.46**	**0.24**	**92.14**	101.84
89	Fire Station	Composting	320 cubic yards (108 lbs per cy)			17.28	17.28
		CRV containers	14 33 gallon cont. per year @ 132 lbs per container		0.00		
Subtotal -89				**0.00**	**0.00**	**17.28**	17.28
90	Fire Station	Laserjet cartridges	24 per year (2.5 lbs per laserjet cartridge)		0.03		0.03
		Ledger paper	55 gal per month; .77 lbs per gallon		0.25		0.25
		CRV containers	55 gal per month; 218 lbs per 55 gallon		0.00		
Subtotal -90				**0.00**	**0.28**	**0.00**	0.28
91	Fire Station	Laserjet cartridges	4 per year (2.5 lbs per laserjet cartridge)		0.01		0.01
		Mixed/office paper	30 gal per week (.77 lbs per gallon)		0.60		0.60
Subtotal -91				**0.00**	**0.61**	**0.00**	0.61
92	Fire Station	Grasscycling	1 acre X 6.5 tons	6.50			6.50
93	Fire Station	Grasscycling	.1022 acres X 6.5 tons	0.66			0.66
		Composting - paper	Estimate provided by facility personnel			0.79	0.79
		Composting	1.78 cy per year (108 lbs per cy)	0.96			0.96
		Newspaper	365 per year (26 12" stacks @ 35 lbs per stack)		0.46		0.46
Subtotal -93				**1.63**	**0.46**	**0.79**	2.87
94	Fire Station	Inkjet cartridges	4 per year (.5 lbs per inkjet cartridge)		0.00		0.00
		Newspaper	Included in hauler tonnage		0.00		
		Mixed/office paper	30 lbs per year		0.02		0.02
		CRV containers	20 gallon cont.; once per month		0.00		
Subtotal -94				**0.00**	**0.02**	**0.00**	0.02
95	Post Office	Grasscycling	.0023 acres X 6.5	0.01			0.01
		Mixed/office paper	3,500 lbs per month		21.00		21.00
Subtotal -95				**0.01**	**21.00**	**0.00**	21.01
96	Post Office	Mixed/office paper	96 cy per year; 133.98 lbs. per cy		6.43		6.43

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
97	Middle School	Grasscycling	.00206 acres X 6.5 tons	0.01			0.01
		Aluminum cans	5 lbs per week		0.13		0.13
Subtotal -97				**0.01**	**0.13**	**0.00**	0.14
98	Bird Sanctuary	Grasscycling	5 acres X 6.5 tons	32.50			32.50
		Composting	30 cy per year (108 lbs per cy)	1.62			1.62
		Composting - paper	Estimate provided by facility personnel			0.33	0.33
		OCC	Included in hauler tonnage				
		Newspaper	Included in hauler tonnage				
		Ledger paper	Included in hauler tonnage				
		Mixed/office paper	Included in hauler tonnage				
		CRV containers	9 55 gallon containers twice per year		0.00		
Subtotal -98				**34.12**	**0.00**	**0.33**	34.45
99	Elementary School	Grasscycling	4 acres X 6.5 tons	26.00			26.00
		OCC	6 cy per week (50.08 lbs. per cy)		7.80		7.80
		Newspaper	6 cy per week (400 lbs. per cy)		62.40		62.40
		Mixed/office paper	6 cy per week (363.5 lbs per cy)		14.47		14.47
		Tin cans	Included in hauler tonnage				
Subtotal - 99				**26.00**	**84.67**	**0.00**	110.67
Grand Total				**3287**	**342**	**462**	**4091.16**

Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

1. **If the diversion program started on or after January 1, 1990**, complete the following table.
Note: *Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.".) Please input*

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Tonnage
Inert Solids	H1	Transfer Station	1990	1,384.59
Inert Solids	H4	Material Recovery Facility	1990	273.73
Inert Solids	RF2	Material Recovery Facility/Transfer Station	1990	51.08
Inert Solids	GW1	CDI Debris Facility	2002	1,582.25
Inert Solids				
Inert Solids	GW5	CDI Debris Facility	2002	2,324.00
Inert Solids	RO1	Contractor voluntary CDI reporting program	1998	40.00
Inert Solids	RO2	Contractor voluntary CDI reporting program	1998	200.00
Inert Solids	RO3	Contractor voluntary CDI reporting program	1998	100.00
Inert Solids	RO5	Contractor voluntary CDI reporting program	1998	70.00
Inert Solids	RO6	Contractor voluntary CDI reporting program	1998	24.00
Inert Solids	RO7	Contractor voluntary CDI reporting program	1998	6.00
Inert Solids	RO9	Contractor voluntary CDI reporting program	1998	2.00
Inert Solids	RO10	Contractor voluntary CDI reporting program	1998	50.00
Inert Solids	RO11	Contractor voluntary CDI reporting program	1998	400.00
Inert Solids	RO14	Contractor voluntary CDI reporting program	1998	2.00
Inert Solids	RO15	Contractor voluntary CDI reporting program	1998	1.00
Inert Solids	GW4	CDI Debris Facility	2002	12,500.00
Scrap Metal	H4	Material Recovery Facility	1990	0.08
Pull Down for Waste Types				
Scrap Metal	RF3	Material Recovery Facility	1990	237.48
Scrap Metal	RO11	Contractor voluntary CDI reporting program	1998	6.00

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note**: this criterion is app
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.*
Instead please provide date of Board approval of previously submitted information. _____ (Date)
If documentation is not available, go to Number 4.

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

4. If the diversion program **started before January 1, 1990, and the documentation requested in Sect.VI.2 is not available**, please complete the table below for each program claimed. ***Note****: Only the difference between the new base year/reporting year and 199*

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					

Summary of Hauler Diversion Surveys

Line #	Hauler	Material	Destination Facility	Hauler Residential Diversion	Residential			Hauler Commercial Diversion	Commercial			Scrap Metal	Included in Facility		
					Recyclables	C&D	GW		Recyclables	C&D	GW		RF3	RF5	GW4
1	H1	Newspaper	CR Transfer	120.06	120.06										
2	H1	OCC	CR Transfer	87.43	87.43										
3	H1	Mixed Paper	CR Transfer	79.36	79.36										
4	H1	Pet	CR Transfer	23.37	23.37										
5	H1	HDPE	CR Transfer	2.42	2.42										
6	H1	Aluminum Cans	CR Transfer	4.83	4.83										
7	H1	Tin/Metal Cans	CR Transfer	91.09	91.09										
8	H1	Yardwaste	CR Transfer	1768.58			1768.58								
9	H1	Other (Concrete/Asphalt/Wood)	CR Transfer	720.98		720.98									
10	H1	C&D (Ladera Ranch)	CR Transfer					663.61		663.61					
11	H1	Greenwaste (Ladera Ranch)	CR Transfer					423.51			423.51				
12	H2	Newspaper	RF3		0.00								348.89		
13	H2	OCC	RF3		0.00								283.27		
14	H2	Mixed Paper	RF3		0.00								698.96		
15	H2	ADC	RF3										0.00		
16	H2	Glass	RF3		0.00								85.93		
17	H2	Aluminum Cans	RF3		0.00								22.19		
18	H2	Tin Cans	RF3		0.00								42.34		
19	H2	Pet	RF3		0.00								23.23		
20	H2	HDPE	RF3		0.00								33.35		
21	H2	Yardwaste (ADC)	CR Transfer, RF5				0.00								
22	H2	Scrap Metal	RF3		0.00								215.41		
23	H2	Concrete/Asphalt	RF3			0.00									305.05
24	H2	Other Materials	RF3		0.00								878.90		
25	H3	All materials	RF2	0.00											
26	H4	Newspaper		4225.43	4225.43			0.05	0.05						
27	H4	OCC		1166.09	1166.09			2.45	2.45						
28	H4	Mixed Paper		1852.64	1852.64			0.68	0.68						
29	H4	Glass		841.47	841.47			0.00							
30	H4	Aluminum Cans		48.72	48.72			0.00							
31	H4	Tin Cans		127.94	127.94			0.00							
32	H4	PET		131.98	131.98			0.00							
33	H4	HDPE		166.82	166.82			0.00							
34	H4	Yardwaste	RF5	0.00			0.00	0.00						9488.83	
35	H4	Other		1561.01	1561.01			8.31	8.31						
36	H4	Scrap Metal			0.00			0.08				0.08			
37	H4	Concrete/Dirt				0.00		273.73		273.73					
38	H4	Wood				0.00		0.19		0.19					
39	**Total Hauler Diversion to be Reported**			**13,020.22**	**10,530.66**	**720.98**	**1,768.58**	**1,372.61**	**11.49**	**937.53**	**423.51**	**0.08**			
40	**Included in Facility Surveys**												2632.47	9488.83	305.05
41															
42	Residential Recyclables Tonnage		(to CIWMB Forms Section III)	10,530.66											
43	C&D Tonnage		(to CIWMB Forms Section III)	720.98											
44	Residential Greenwaste		(to CIWMB Forms Section III)	1,768.58											
45	Commercial Recyclables Tonnage		(to CIWMB Forms Section III)	11.49											
46	Commercial C&D Tonnage		(to CIWMB Forms Section III)	937.53											
47	Commercial Yardwaste Tonnage		(to CIWMB Forms Section III)	423.51											
48	Scrap Metal			0.08											
49	**TOTAL**			**14,392.83**											

Board Meeting
July 19-20, 2005

Summary of Recycling Facility Diversion Surveys

Agenda Item 19
Attachment 2b

Line #	Recycling Facility	Material	Destination Facility	Recycling Facility Reported	Recycling	Green Waste	C&D	Scrap Metal	Comment
1	RF1	OCC	CR Transfer	480.00	480.00				Began after 1990.
2	RF1	Newspaper	Dalton	360.00	360.00				Began after 1990.
3	RF1	Ledger	Paper Depot	300.00	300.00				Began after 1990.
4	RF1	Magazines		80.00	80.00				Began after 1990.
5	RF1	Other Paper		50.00	50.00				Began after 1990.
6	RF1	CRV Containers	CR Transfer	360.00	360.00				Began after 1990.
7	RF1	Aluminum Cans	DBW Anaheim	110.00	110.00				Began after 1990.
8	RF1	Nonferrous	DBW Anaheim	~~120.00~~				~~60.00~~	Began before 1990; intake double from 1990.
9	RF1	#1 CRV Containers		60.00	60.00				Began after 1990.
10	RF1	#2-#7 Containers		9.00	9.00				Began after 1990.
11	RF2	ADC	Olinda Landfill	0.00	0.00				Reported on DRS
12	RF2	CPO		43.10	43.10				
13	RF2	Newspaper		430.03	430.03				
14	RF2	Mixed Paper		339.91	339.91				
15	RF2	Aluminum Cans		25.24	25.24				
16	RF2	Tin Cans		18.75	18.75				
17	RF2	Glass		42.51	42.51				
18	RF2	PET		5.39	5.39				
19	RF2	HDPE		17.72	17.72				
20	RF2	Mixed Plastic		2.67	2.67				
21	RF2	C&D		51.08			51.08	0.00	
22	RF3	OCC		283.27	283.27				
23	RF3	Newspaper		348.95	348.95				
24	RF3	Ledger		698.96	698.96				
25	RF3	CRV Containers		90.98	90.98				
26	RF3	Aluminum Cans		18.66	18.66				
27	RF3	Tin Cans		42.39	42.39				
28	RF3	Ferrous		233.94				233.94	
29	RF3	Nonferrous		3.54				3.54	
30	RF3	Greenwaste	CR Transfer, RF5, ADC	0.00		0.00			
31	RF3	#1 CRV Containers		22.88	22.88				
32	RF3	#2-#7 Containers		33.35	33.35				
33	RF3	Blank			0.00				
34	RF4	OCC No Unincorp Portion		0.00	0.00				
35	RF4	Newspaper No Unincorp Portion		0.00	0.00				
36	RF4	Ledger No Unincorp Portion		0.00	0.00				
37	RF4	Greenwaste No Unincorp Portion		0.00		0.00			
38	RF4	#2-#7 Containers No Unincorp Portion		0.00	0.00				
39	RF4	Film No Unincorp Portion		0.00	0.00				
40	RF5	Compost	Sold	17,370.00		17,370.00			
41	**Total Recycling Facility Diversion to be Reported**			22,052.32	4,273.76	17,370.00	51.08	237.48	
42	Recyclables Tonnage		(to CIWMB Forms Section III)	4,273.76					
43	C&D Tonnage		(to CIWMB Forms Section III)	51.08					
44	Greenwaste		(to CIWMB Forms Section III)	17,370.00					
45	Scrap Metal (Ferrous and Nonferrous)		(to CIWMB Forms Section III)	237.48 ~~297.48~~					
46	**TOTAL**			21,694.84					

Summary of CDI Greenwaste Facility Diversion Surveys

Line #	CDI and Greenwaste Facility	Material	Destination Facility	CDI and GW Facility Reported	Inerts/ Concrete/ Asphalt	Greenwaste	Scrap Metal	Other Materials	Comment
1	GW1	Leaves and Grass	Brea Green	222.00		222.00			
2	GW1	Prunings	Brea Green	393.00		393.00			
3	GW1	Stumps	Brea Green	104.00		104.00			
4	GW1	Manure		22.00		22.00			
5	GW1	Carpet	LA Fiber	45.80				45.80	
6	GW1	Carpet Padding	LA Fiber	63.00				63.00	
7	GW1	Concrete	RJ Noble, Ewles	452.46	452.46				
8	GW1	Asphalt	RJ Noble	124.25	124.25				
9	GW1	Roofing Materials	RJ Noble	165.00	165.00				
10	GW1	Dimension Lumber	CRT	138.76	138.76				
11	GW1	Engineered Wood	CRT	102.00	102.00				
12	GW1	Pallets and Crates	CRT	149.00	149.00				
13	GW1	Other Wood	CRT	266.08	266.08				
14	GW1	Clean Gypsum	Blue Ribbon	212.00	212.00				
15	GW1	Rocks and Soil	RJ Noble, Ewles	804.92	804.92				
16	GW1	Other Demo	Adams/DBW	200.62	200.62				
17	GW2	Concrete	GW4	0.00	0.00				No tonnage reported
18	GW2	Asphalt Paving	GW4	0.00	0.00				No tonnage reported
19	GW3	Leaves and Grass	RF5	0.00		0.00			
20	GW3	Rocks and Soil	Nu-way	0.00	0.00				Do not count as diversion
21	GW4	Concrete	Final Destination	7,500.00	7,500.00				
22	GW4	Asphalt	Final Destination	5,000.00	5,000.00				
23	GW5	Concrete	Final Destination	2,324.00	2,324.00				
24	**Total CDI and Greenwaste Facility Diversion to be Reported**			**18,288.89**	**17,439.09**	**741.00**	**0.00**	**108.80**	
25	C&D Tonnage		(to CIWMB Forms Section III)	17,439.09					
26	Greenwaste Tonnage		(to CIWMB Forms Section III)	741.00					
27	Scrap Metal		(to CIWMB Forms Section III)	0.00					
28	Other Materials		(to CIWMB Forms Section III)	108.80					
29	**TOTAL**			**18,288.89**					

Summary of Contractor, and Roll-Off and Temporary Bin Provider Diversion Surveys

Line #	Roll-off/Temp Bin Provider	Material	Destination Facility	R/O Temp Bin Provider Reported	Inerts/ Concrete/ Asphalt	Greenwaste	Scrap Metal	Other Materials	Comment
1	RO1	Concrete	Ewles	40.00	40.00				
2	RO2	Greenwaste	RF5	0.00		0.00			
3	RO2	Concrete	Ewles	100.00	100.00				
4	RO2	Asphalt	Ewles	100.00	100.00				
5	RO2	Other Wood	RF5	0.00	0.00				
6	RO3	Concrete	Ewles	100.00	100.00				
7	RO4	No data provided			0.00				
8	RO5	Concrete	Ewles	35.00	35.00				
9	RO5	Aggregates/Inerts	RJ Noble	35.00	35.00				
10	RO6	Concrete		24.00	24.00				
11	RO7	Concrete	Ewles	6.00	6.00				
12	RO8	Concrete	GW5	0.00	0.00				Reported on GW5
13	RO8	Lumber	Olinda Landfill	0.00	0.00				Reported on DRS
14	RO8	Gypsum	Olinda Landfill	0.00	0.00				Reported on DRS
15	RO9	Concrete		1.00	1.00				
16	RO9	Asphalt		1.00	1.00				
17	RO9	Other Wood		2.00	2.00				
18	RO9	Gypsum		2.00	2.00				
19	RO10	Greenwaste	RF5	0.00					Reported on RF5
20	RO10	Stumps	RF5	0.00					Reported on RF5
21	RO10	Concrete	Ewles	50.00	50.00				
22	RO11	Ferrous	Hugo-Neu	5.00			5.00		
23	RO11	Non-ferrous	Proler	1.00			1.00		
24	RO11	Concrete	Ewles, RJ Noble	200.00	200.00				
25	RO11	Asphalt	Ewles, RJ Noble	200.00	200.00				
26	RO12	Lumber	Ewles, GW3	2.50	2.50				Tonnage not broken out
27	RO12	Gypsum	Ewles, GW3, El Toro Base	2.50	2.50				Tonnage not broken out
28	RO13	Roofing	FRB Landfill	32.00	32.00				
29	RO14	Concrete	Ewles	2.00	2.00				
30	RO15	Concrete	Ewles	1.00	1.00				
31	RO16	ADC	Brea Olinda	0.00		0.00			
32	RO16	Concrete	Ewles, Copp	15,000.00	0 ~~15,000~~				
33	RO16	Asphalt Paving	Hanson, ARP	10,000.00	0 ~~10,000~~				
34	**Total R/O Temp Bin Diversion to be Reported**			**25,942.00**	**936.00 ~~25,936.00~~**	**0.00**	**6.00**	**0.00**	
35	C&D Tonnage		(to CIWMB Forms Section III)	936.00 ~~25,936.00~~					
36	Greenwaste Tonnage		(to CIWMB Forms Section III)	0.00					
37	Scrap Metal		(to CIWMB Forms Section III)	6.00					
38	Other Materials		(to CIWMB Forms Section III)	0.00					
39	**TOTAL**			**942.00 ~~25,942.00~~**					